

Listing of Claims

This listing of claims will replace all prior versions and listings of claims in the application.

Claim 1 (currently amended): A digital camera comprising:

an optical system,
an optoelectric converter,
a recording medium,
a display, and

a digital signal processor including the capability of displaying to display on the display
a state indicator that indicates progression of a transceiving state of data files being
transmitted to an external device or being received from between the recording medium and
an external device.

Claim 2 (currently amended): The digital camera of claim 1, wherein the digital camera further comprises:

a communication interface capable of transmitting data files to an external device and
receiving data files from an between the recording medium and the external device.

Claim 3 (currently amended): The digital camera of claim 2, wherein the digital signal processor includes the capability of displaying displays on the display an initialization state
of the communication interface.

Claim 4 (currently amended): The digital camera of claim 1, wherein the digital signal processor includes the capability of displaying displays on the display an electrical
connection state between the digital camera and [[an]] the external device.

Claim 5 (currently amended): The digital camera of claim 1, wherein the digital signal processor further includes the capability of monitoring monitors the transceiving state of data
files being transmitted to an external device or being received from an between the recording
medium and the external device and the state indicator that indicates progression of the
transceiving state.

Claim 6 (original): The digital camera of claim 1, wherein the external device is a computer.

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Claim 7 (original): The digital camera of claim 1, wherein the display is an LCD panel.

Claim 8 (original): The digital camera of claim 1, wherein the recording medium is removable from the camera.

Claim 9 (original): The digital camera of claim 1, wherein the recording medium comprises solid state memory.

Claim 10 (currently amended): A digital camera comprising:

an optical system,

an optoelectric converter,

a recording medium,

a display,

a communication interface ~~capable of transmitting data files to an external device to transmit and receiving to receive data files from~~ between the recording medium and an external device, and

a digital signal processor ~~including the capability of displaying to display on the display~~ an initialization state of the communication interface.

Claim 11 (currently amended): The digital camera of claim 10, wherein the digital signal processor further ~~includes the capability of displaying displays on the display~~ an electrical connection state between the digital camera and [[an]] the external device.

Claim 12 (currently amended): The digital camera of claim 11, wherein the digital signal processor further ~~includes the capability of displaying displays on the display~~ a transceiving state of data files being transmitted ~~to an external device or being received from an~~ between the recording medium and the external device.

Claim 13 (original): The digital camera of claim 10, wherein the communication interface is a USB interface.

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Claim 14 (currently amended): A digital camera comprising:

a means for creating a digital photograph,

a means for storing digital image data,

a means for displaying data,

a means for transmitting and receiving data files between the means for storing digital image data and an external device, and

a means for displaying a transceiving an initialization state of the means for transmitting data files being transmitted to an external device or being received from between the means for storing digital image data and an external device.

Claim 15 (currently amended): The digital camera of claim 14, further comprising:

~~a means for transmitting data files to an external device and receiving data files from an external device, and~~

a means for displaying an initialization a transceiving state of the means for transmitting data files to an external device and receiving data files from an between the means for storing digital image data and the external device.

Claim 16 (currently amended): The digital camera of claim 14, further comprising:

~~a means for displaying an electrical connection state between the digital camera and [[an]] the external device.~~

Claim 17 (original): A method for monitoring the status of a digital camera, the method comprising:

displaying an initialization state while initializing a communication interface.

Claim 18 (currently amended): The method of claim 17, wherein the step of displaying an initialization state while initializing a communication interface comprises:

monitoring a connection between the digital camera and an external device,

waiting until the connection is complete before proceeding with initialization the initializing of the communication interface and display of the displaying the initialization state,

initializing the communication interface and displaying a message indicating the initializing of the communication interface,

determining whether the initialization initializing of the communication interface is successful, and

if the initialization succeeds, displaying a message indicating the success of the initialization of the communication interface.

Claim 19 (currently amended): The method of claim 18, wherein the ~~step of displaying [[an]] the initialization state while initializing [[a]] the~~ communication interface further comprises:

if the initialization fails, displaying a message indicating the failure of the initialization of the communication interface.

Claim 20 (currently amended): The method of claim 18, wherein the ~~step of displaying [[an]] the initialization state while initializing [[a]] the~~ communication interface further comprises:

if the initialization fails, displaying a message offering guidance to remedy the failure.

Claim 21 (original): The method of claim 17, further comprising:

displaying a transceiving state while transmitting or receiving a data file to or from an external device.

Claim 22 (currently amended): The method of claim 21, wherein the ~~step of displaying [[a]] the transceiving state while transmitting or receiving [[a]] the data file to or from [[an]] the~~ external device further comprises:

determining whether [[a]] the data file is being transmitted or received, and
displaying a message indicating status of transmission or reception of a data file.

Claim 23 (currently amended): The method of claim 22, wherein the ~~step of displaying [[a]] the transceiving state while transmitting or receiving [[a]] the data file to or from [[an]] the~~ external device further comprises:

determining whether the initialization of the communication interface is successful,
if initialization of the communication interface is successful, proceeding with the ~~step of displaying [[a]] the transceiving state while transmitting or receiving [[a]] the data file to or from [[an]] the~~ external device, and

if initialization of the communication interface is not successful, terminating the ~~step of displaying [[a]] the transceiving state while transmitting or receiving [[a]] the data file to or from [[an]] the~~ external device.

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Claim 24 (currently amended): The method of claim 22, wherein the ~~step of displaying [[a]] the transceiving state while transmitting or receiving [[a]] the data file to or from [[an]] the external device~~ further comprises:

determining [[the]] a type of the communication interface, and
displaying a message indicating the type of the communication interface.

Claim 25 (currently amended): The method of claim 17, further comprising:
repeating the ~~step of displaying [[a]] the transceiving state while transmitting or receiving [[a]] the data file to or from [[an]] the external device~~ until an end signal is input.

Claim 26 (original): The method of claim 17, further comprising:
displaying an unloaded state after the digital camera is unloaded from an external device.

Claim 27 (currently amended): The method of claim 26, wherein the ~~step of displaying [[an]] the unloaded state after the digital camera is unloaded from [[an]] the external device~~ comprises:

determining whether an unloaded signal is input to the digital camera, and
if an unloaded signal is input, displaying a message indicating the unloaded state of the digital camera.

Claim 28 (currently amended): The method of claim 27, wherein the ~~step of displaying [[an]] the unloaded state after the digital camera is unloaded from [[an]] the external device~~ comprises:

determining if the digital camera is disconnected from the external device,
if the digital camera is not disconnected from the external device, repeating the ~~step of displaying [[an]] the unloaded state after the digital camera is unloaded from [[an]] the external device~~.

Claim 29 (currently amended): A method for monitoring the status of a digital camera, the method comprising:

displaying a state indicator that indicates progression of a transceiving state while transmitting or receiving a data file to or from an external device.

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Claim 30 (currently amended): The method of claim 29, wherein the ~~step of~~ displaying [[a]] the transceiving state while transmitting or receiving [[a]] the data file to or from [[an]] the external device further comprises:

determining whether [[a]] the data file is being transmitted or received, and
displaying a message indicating status of transmission or reception of [[a]] the data file.

Claim 31 (currently amended): The method of claim 30, wherein the ~~step of~~ displaying [[a]] the transceiving state while transmitting or receiving [[a]] the data file to or from [[an]] the external device further comprises:

determining whether initialization of a communication interface is successful,
if initialization of the communication interface is successful, proceeding with the ~~step~~ of displaying [[a]] the transceiving state while transmitting or receiving [[a]] the data file to or from [[an]] the external device, and
if initialization of the communication interface is not successful, terminating the ~~step of~~ displaying [[a]] the transceiving state while transmitting or receiving [[a]] the data file to or from [[an]] the external device.

Claim 32 (currently amended): The method of claim 30, wherein the ~~step of~~ displaying [[a]] the transceiving state while transmitting or receiving [[a]] the data file to or from [[an]] the external device further comprises:

determining [[the]] a type of the communication interface, and
displaying a message indicating the type of the communication interface.

Claim 33 (new): The digital camera of claim 1, wherein the state indicator that indicates progression of a transceiving state comprises a series of bars.

Claim 34 (new): The digital camera of claim 10, wherein the display comprises a series of bars to indicate progression of the initialization state of the communication interface.

Claim 35 (new): The method of claim 17, wherein the displaying comprises a series of bars to indicate progression of the initialization state.

Claim 36 (new): The method of claim 29, wherein the displaying comprises a series of bars to indicate progression of the transceiving state.